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**Part Number:** [104505-8003](#)  
**Status:** **Active**  
**Description:** IllumiMate™ 1.25mm Wire-to-Board Connector, Receptacle Terminal, Tin (Sn) Over Copper, 28 AWG

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-104505-001 \(PDF\)](#)  
[Product Specification PS-104078-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-104086-003 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">104505</a>
Application	Signal
Crimp Quality Equipment	Yes
Product Name	IllumiMate™
UPC	884982468511

**Physical**

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.031/g
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.97mm max.
Wire Size AWG	28
Wire Size mm <sup>2</sup>	N/A

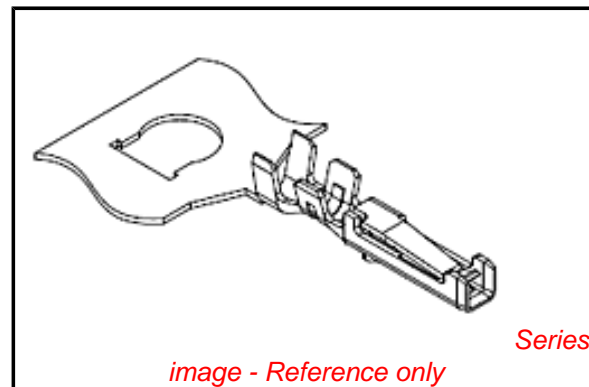
**Electrical**

Current - Maximum per Contact	1A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-104505-001
Product Specification	PS-104078-001, PS-104086-003
Sales Drawing	SD-104505-001



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[104505Series](#)

**Use With**

[104085-4000](#) , [104077-0600](#) , [104085-0410](#)  
 , [104077-0610](#) , [104085-0300](#)